Jury Trial Exhibits of Plaintiffs

United States District Court
Eastern District of Texas

OPTIS WIRELESS TECHNOLOGY, LLC, ET AL

v.

APPLE INC.

Plaintiffs' Jury Trial Exhibit List

Case Number: 2:19-CV-00066-JRG

Presiding Judge **Hon. Rodney Gilstrap**	Plaintiff's Attorney **Sam Baxter/Jason Sheasby/Steven J. Pollinger**	Court Reporter **Shelly Holmes**
Trial Date(s) **8/03/2020 - 8/11/2020**	Defendant's Attorney **Melissa Smith/Joseph Mueller/Mark Selwyn**	Court Deputy **Jan Lockhart**

PLF NO.	DEF NO.	DATE OFFERED	MARKED	ADMITTED	DESCRIPTION OF EXHIBITS	BATES RANGE
PX0002				8/4/2020	U.S. Patent No. 8,019,332	POAP_00003269 - POAP_00003297
PX0003				8/4/2020	U.S. Patent No. 8,385,284	POAP_00003315 - POAP_00003340
PX0004				8/4/2020	U.S. Patent No. 8,411,557	POAP_00003341 - POAP_00003359
PX0005				8/4/2020	U.S. Patent No. 9,001,774	POAP_00003374 - POAP_00003390
PX0006				8/4/2020	U.S. Patent No. 8,102,833	POAP_00003298 - POAP_00003314
PX0008				8/7/2020	U.S. Patent No. 8,019,332 File History	POAP_00000179 - POAP_00000680
PX0009				8/4/2020	U.S. Patent No. 8,385,284 File History	POAP_00001118 - POAP_00002016
PX0020				8/4/2020	Demo: Transmission Modes	APL-UPPO_002851597
PX0022				8/5/2020	FDE Presentation	APL-UPPO_002897091 - APL-UPPO_002897280
PX0035				8/5/2020	Spreadsheet - US Sales_Updated Products_Q2FY2013-Q1FY2020	APL-UPPO_002888459
PX0051				8/5/2020	Spreadsheet - iPhone Pricing	APL-UPPO_002898240
PX0063				8/4/2020	3GPP TS 36.213 V8.8.0 (2009-09)	APL-UPPO_000007153 - APL-UPPO_000007229
PX0069				8/4/2020	Cetecom Test Report, 8/31/2016	APL-UPPO_000806811 - APL-UPPO_000808494
PX0071				8/4/2020	Intel Partial Test Report, 3/19/2019	APL-UPPO_000879508 - APL-UPPO_000880578
PX0076				8/5/2020	J1-J2-J2A Product Brief, 1/9/2012	APL-UPPO_000511417 - APL-UPPO_000511427
PX0084				8/4/2020	LTE LTX Superblock Specification, IC Design Specification, LTE Modem IP (LTE300), Release xg726es2_rev2.0, 4/10/2013	87077DOC023323 - 87077DOC023510
PX0085				8/6/2020	EMAC Functional Specification, LTE UE Protocol Stack Specification, Revision 00.03, 3/11/2015	87077DOC000752 - 87077DOC000838
PX0086				8/4/2020	Atlas LTE System Design Document 80-VB236-15 Rev. B, 121/5/2014	QCOPTISAPPLE00066_0005574 - QCOPTISAPPLE00066_0006771
PX0090				8/4/2020	Qualcomm Source Code	Q1OPWAPP00066SC0001027 - Q1OPWAPP00066SC0001031
PX0091				8/4/2020	Qualcomm Source Code	Q1OPWAPP00066SC0001048 - Q1OPWAPP00066SC0001085
PX0092				8/4/2020	Qualcomm Source Code	Q1OPWAPP00066SC0000377 - Q1OPWAPP00066SC0000386

PLF NO.	DEF NO.	DATE OFFERED	MARKED	ADMITTED	DESCRIPTION OF EXHIBITS	BATES RANGE
PX0094				8/4/2020	Qualcomm Source Code	Q1OPWAPP00066SC0000399 - Q1OPWAPP00066SC0000403
PX0096				8/4/2020	Qualcomm Source Code	Q1OPWAPP00066SC0000408 - Q1OPWAPP00066SC0000472
PX0113				8/4/2020	Qualcomm Source Code	Q1OPWAPP00066SC0001204 - Q1OPWAPP00066SC0001208
PX0119				8/4/2020	Apple Source Code	see separate listing
PX0120				8/4/2020	Apple Source Code	see separate listing
PX0123				8/6/2020	Andren, Filip; Optimization of Random Acess in 3G Long Term Evolution, Department of Electrical Engineering, Linkopings universitet, 2009	POAP_00172665 - POAP_00172773
PX0124				8/4/2020	Dahlman, Erik, et al; 4G LTE/LTE-Advanced for Mobile Broadbank,2011	POAP_00172774 - POAP_00173204
PX0125				8/4/2020	Khan, Farooq; LTE for 4G Mobile Broadband, Air Interface Technologies and Performance, 2009	POAP_00173205 - POAP_00173710
PX0126				8/4/2020	iPHone 11 Max Teardown - iFixit, 04/28/2020	POAP_00173711 - POAP_00173769
PX0128				8/4/2020	Holma, Harri and Toskala, Antti; LTE for UMTS, Evolution to LTE-Advanced, 2d ed., 2011	POAP_00173787 - POAP_00174345
PX0138				8/4/2020	Sesia, Stefania, et al; LTE - The UMTS Long Term Evolution - From Theory to Practice, 2nd. Ed., 2011	POAP_00174377 - POAP_00175154
PX0190				8/5/2020	Newsroom: Apple introduces iPhone 5, 9/12/2012	POAP_00192837 - POAP_00192840
PX0192				8/5/2020	Newsroom: Apple introduces iPhone 7 & iPhone 7 Plus, the best, most advance iPHone ever, 9/7/2018	POAP_00192845 - POAP_00192853
PX0337				8/5/2020	Press Release: Apple Announces iPhone 6 & iPhone 6 Plus - The Biggest Advancements in iPhone History, 9/9/2014	POAP_00195622 - POAP_00195625
PX0360				8/5/2020	Diaz, Jesus; Best Reason to Upgrade to iPhone XS? The LTE Speeds, Tom's Guide, 9/18/2018	POAP_00195839 - POAP_00195846
PX0374				8/5/2020	iPhone Buyer Survey - Apple Market Research & Analysis FY13 Q1	APL-UPPO_002574296 - APL-UPPO_002574455
PX0387a				8/5/2020	Global Patent License Agreement between Qualcomm and Apple, 4/1/2019	APL-UPPO_000882303 - APL-UPPO_000823646
PX0484a				8/5/2020	Settlement and Release Agreement between Qualcomm Inc. and Apple Inc., 4/16/2019	APL-UPPO_002888507 - APL-UPPO_002888629
PX0494				8/5/2020	Cellular QOS over LTE for FaceTime Audio, 2/20/2019	APL-UPPO_004112771 - APL-UPPO_004112786
PX0497				8/5/2020	Email from T. Blevins to J. Williams re: Apple dips after report that future iPhone modems could lag rivals, 6/12/2017	APL-UPPO_004162048 - APL-UPPO_004162050
PX0548a				8/4/2020	Letter from T. Miller to B. Sewell re: Optis Cellular and Optis Wireless Patent Portfolios, 1/6/2017	POAP_00112286
PX0601				8/4/2020	iPhone 11 Pro Max Schematic D42/D43 MLB_TOP_AVUS rev a, 9/7/2019	APL-UPPO_001576759-APL-UPPO_001576827
PX0935				8/5/2020	3GPP TS 36.211 V8.2.0 (2008-03)	APL-UPPO_000003513 - APL-UPPO_000003577
PX0937				8/5/2020	3GPP TS 36.212 V8.0.0 (2007-09)	APL-UPPO_000004725 - APL-UPPO_000004754
PX0940				8/5/2020	3GPP IS 36.331 V8.7.0 (2009-09)	APL-UPPO_000014376 - APL-UPPO_000014583
PX0982				8/4/2020	Long Term Evolution (LTE/FDD) Air Interface Overview, Qualcomm Internal Presentation, April 28 & 29, 2009	APL-UPPO_002394742 - APL-UPPO_002394885
PX1002				8/4/2020	Intel X-GOLD Next Generation Mobile Communication Products, X-GOLD 756 LTE Slim Modem PMB 9955 CO CO, 4GCM 4G Cellular Modem, LTX LTE Transceiver Component, Intel Restricted Secret, High-level Architecture Specification Hardware Revision 0.93 Build 1, 2017-07-20 Preliminary, 7/2/2017	APL-UPPO_002955799 - APL-UPPO_002956099
PX1005				8/5/2020	3GPP TS 36.321 V8.7.0 (2009-09)	APL-UPPO_004116904

PLF NO.	DEF NO.	DATE OFFERED	MARKED	ADMITTED	DESCRIPTION OF EXHIBITS	BATES RANGE
PX1009				8/5/2020	IPR Information Statement and Licensing Declaration for Panasonic Corporation, ETSI, 3/16/2010	POAP_00018181 - POAP_00018191
PX1175				8/5/2020	LTE. Find the iPhone that's right for your country or region., https://wwwapple.com/iphone/LTE/	POAP_00201636 - POAP_00201686
PX1281				8/5/2020	Apple Keynote iPhone 5 - Special Event September 2012 (Full Transcript), Pangambam S., The Singju Post, https://singjupost.com/apple-keynote-iphone-5-special-event-september-2012-full-transcript/8/, 8/23/2014	POAP_00206187 - POAP_00206193
PX1282				8/5/2020	Apple Launches New iPad, New iPad Features Retina Display, A5X Chip, 5 Mega pixel iSight Camera & Ultrafast 4G LTE, Newsroom, 3/7/2012	POAP_00206194 - POAP_00206197
PX1290				8/5/2020	Apple Watch Series 3 Brings Built-In Cellular, Powerful New Health and Fitness Enhancements, Newsroom, 9/12/2017	POAP_00206247 - POAP_00206258
PX1405				8/5/2020	U.S. LTE Network Infrastructure Spending Forcast, 2013-2018, Market Study, Fourth uarter, 2014	POAP_00215248 - POAP_00215316
PX1491a				8/5/2020	Qualcomm Royalty Reduction PoR	APL-UPPO_002572433 - APL-UPPO_002572451
PX1494				8/5/2020	IPR Information Statement and Licensing Declaration by Samsung	POAP_00050349 - POAP_00050374
PX1525				8/4/2020	IPR Information and Licensing Declaration by Panasonic	POAP_00018192 - POAP_00018202
PX1537a				8/5/2020	Cellular SEP Licensing Update	APL-UPPO_002572394 - APL-UPPO_002572403
PX1561				8/5/2020	https://www.apple.com/shop/buy-ipad/ipad-pro	n/a
PX1571				8/5/2020	US Patent No. 8,102,833	POAP_00003298 - POAP_00003314
PX1612				8/4/2020	Email from Watrous to Vogel Re IP Strategy (DTX09352)	APL-UPPO_002572452 - APL-UPPO_002572495
PX1688				8/4/2020	3GPP TS 36.212 V8.8.0 (2009-12)	APL-UPPO_002581902 - APL-UPPO_002581961
PX1695				8/4/2020	3GPP TS 36.213 V8.8.0 (2009-09)	APL-UPPO_002581962 - APL-UPPO_002582038
PX1716				8/5/2020	R1-060792	APL-UPPO_000026360 - APL-UPPO_000026366
PX1720				8/5/2020	R1-061184	APL-UPPO_000026470 - APL-UPPO_000026482
PX1722				8/5/2020	R1-061766	APL-UPPO_000026585 - APL-UPPO_000026589
PX1743				8/4/2020	R1-080591	APL-UPPO_000027862 - APL-UPPO_000027864
PX1754				8/5/2020	R1-081212	APL-UPPO_000027906 - APL-UPPO_000027912
PX1756				8/4/2020	R1-081289	APL-UPPO_000027913 - APL-UPPO_000027916
PX1757				8/4/2020	R1-081406	APL-UPPO_004113343 - APL-UPPO_004113343
PX1758				8/4/2020	R1-081481	APL-UPPO_000027917 - APL-UPPO_000027919
PX1759				8/4/2020	R1-081504	APL-UPPO_000027920 - APL-UPPO_000027924
PX1760				8/4/2020	R1-081567	APL-UPPO_000579529 - APL-UPPO_000579544
PX1768				8/5/2020	R2-062107	APL-UPPO_000028094 - APL-UPPO_000028099
PX1769				8/5/2020	R2-062456	APL-UPPO_000028100 - APL-UPPO_000028103
PX1791				8/5/2020	IPR Information Statement and Licensing Declaration by LG Electronics Inc. (ISLD-200904-002)	POAP_00018203 - POAP_00018225
PX1883				8/4/2020	R1-081447	POAP_00234100 - POAP_00234103

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PX1893				8/4/2020	ISLD-200812-015	POAP_00233655 - POAP_00233680
PX1965				8/6/2020	US Patent No. 8116267	POAP_00236183 - POAP_00236199
PX1990				8/4/2020	R1-080129	APL-UPPO_000027852 - APL-UPPO_000027854
PX1996				8/4/2020	3GPP TS 36.521-1 V12.2.0 (2014-06)	APL-UPPO_000811902 - APL-UPPO_000813737
PX1997				8/4/2020	Partial Test Report for A1778	APL-UPPO_000864856 - APL-UPPO_000865007
PX2000				8/4/2020	Partial Test Report for A1897	APL-UPPO_000867836 - APL-UPPO_000868057
PX2002				8/4/2020	Partial Test Report for A1920	APL-UPPO_000870027 - APL-UPPO_000871090
PX2003				8/4/2020	Partial Test Report for A1921	APL-UPPO_000871551 - APL-UPPO_000872614
PX2004				8/4/2020	Partial Test Report for A1984	APL-UPPO_000873379 - APL-UPPO_000874447
PX2005				8/4/2020	Partial Test Report for A2014	APL-UPPO_000874946 - APL-UPPO_000875110
PX2006				8/4/2020	Partial Test Report for A2013	APL-UPPO_000875111 - APL-UPPO_000875273
PX2007				8/4/2020	Partial Test Report for A2013	APL-UPPO_000875439 - APL-UPPO_000876503
PX2008				8/4/2020	Partial Test Report for A2014	APL-UPPO_000876707 - APL-UPPO_000877770
PX2010				8/4/2020	Partial Test Report for A2126	APL-UPPO_000880874 - APL-UPPO_000881945
PX2013				8/4/2020	Partial Test Results from A1864	APL-UPPO_002577405 - APL-UPPO_002579155
PX2014				8/4/2020	Partial Test Result from A1975	APL-UPPO_002580493 - APL-UPPO_002581420
PX2015				8/5/2020	3GPP TS 36.201 V8.3.0 (2009-03)	APL-UPPO_002581806 - APL-UPPO_002581818
PX2052				8/4/2020	LTE TRD Paper	OPTIS_SUBPOENA_TMUSA_000032- OPTIS_SUBPOENA_TMUSA_000059
PX2064				8/4/2020	3GPP TS 36.211 v8.9.0 (2009-12)	POAP_00176207 - POAP_00176289
PX2074				8/4/2020	3GPP TS 36.523-1 V8.5.0 (2010-03)	POAP_00187913 - POAP_00189360
PX2086				8/5/2020	https://www.apple.com/shop/buy-iphone/iphone-xr	POAP_00190137 - POAP_00190140
PX2105				8/4/2020	Lee et al., Performance Analysis of LTE-Advanced System in the Downlink Spatial Channel Model, 2009 IEEE International Conference on Network Infrastructure and Digital Content	POAP_00192750 - POAP_00192752
PX2109				8/4/2020	R1-074285	POAP_00192783 - POAP_00192787
PX2129				8/4/2020	https://www.apple.com/iphone/LTE/	POAP_00229321 - POAP_00229371
PX2134				8/4/2020	https://www.techinsights.com/blog/apple-iphone-11-pro-max-teardown	POAP_00229432 - POAP_00229449
PX2142				8/4/2020	3GPP TS 36.212 V8.8.0 (2009-12)	APL-UPPO_000005217 - APL-UPPO_000005276
PX2214				8/4/2020	Ahmadi, "LTE-Advanced: A Practical Systems Approach to Understanding the 3GPP LTE Releases 10 and 11 Radio Access Technologies"	POAP_00171534 - POAP_00172655
PX2308				8/4/2020	R1-080267, "PUSCH multiplexing of data, control, and ACK/NACK information"	APL-UPPO_002587570 - APL-UPPO_002587588

PLF NO.	DEF NO.	DATE OFFERED	MARKED	ADMITTED	DESCRIPTION OF EXHIBITS	BATES RANGE
PX2329				8/4/2020	Sprint/D2x/Voice/log-bb-2017-03-21-13-23-24-527-diag	APL-UPPO_002957529
PX2332				8/4/2020	ATT/D1x/Data/log-bb-2017-03-23-14-27-03-597-diag	APL-UPPO_002957532
PX2333				8/4/2020	ATT/D1x/Data/log-bb-2017-03-23-14-28-31-724-diag	APL-UPPO_002957533
PX2334				8/4/2020	ATT/D2x/Voice/log-bb-2017-04-17-12-05-30-155-diag	APL-UPPO_002957534
PX2335				8/4/2020	ATT/D2x/Voice/log-bb-2017-04-17-12-00-53-951-diag	APL-UPPO_002957535
PX2336				8/4/2020	ATT/D1x/Voice/log-bb-2017-04-17-12-02-29-456-diag	APL-UPPO_002957536
PX2337				8/4/2020	ATT/D1x/Voice/log-bb-2017-04-17-12-22-01-999-diag	APL-UPPO_002957537
PX2338				8/4/2020	TMO/D1X/Voice/log-bb-2017-04-20-10-44-22-536-diag	APL-UPPO_002957538
PX2339				8/4/2020	TMO/D2X /Voice/log-bb-2017-04-20-10-44-12-370-diag	APL-UPPO_002957539
PX2341				8/4/2020	ATT/D2x/Data/log-bb-2017-04-26-12-33-51-913-diag	APL-UPPO_002957541
PX2343				8/4/2020	Sprint/D2x/Data/log-bb-2017-05-25-12-55-54-418-diag	APL-UPPO_002957543
PX2348				8/4/2020	VZW/D2x/Data/log-bb-2018-07-19-19-56-35-699-diag	APL-UPPO_002957548
PX2349				8/4/2020	VZW/D2x/Data/log-bb-2018-07-19-19-59-25-742-diag	APL-UPPO_002957549
PX2355				8/4/2020	/Wi-LAN_Radar-Sample Log files_20180124/2_enclosures/ATT_2017.dlf	APL-UPPO_002998306
PX2358				8/4/2020	/Wi-LAN_Radar-Sample Log files_20180124/2_enclosures/TMO_2016.dlf	APL-UPPO_002998309
PX2362				8/4/2020	/Wi-LAN_Radar-Sample Log files_20180124/2_enclosures/Sprint_2015.dlf	APL-UPPO_002998313
PX2366				8/4/2020	VZW.zip/VZW/Data_CA_DNCA66058/Text_Converted.txt	APL-UPPO_003005290
PX2367				8/4/2020	2.zip/AT&T/VOLTE_DOHI12518/Text_Converted.txt	APL-UPPO_003005291
PX2535				8/4/2020	Apple Website, iPhone X - Technical Specifications	POAP_00241464 - POAP_00241471
PX2551				8/4/2020	Innography - US8019332 B2	POAP_000238788 - POAP_000238790
PX2552				8/4/2020	Innography - US8102833 B2	POAP_000238791 - POAP_000238792
PX2553				8/4/2020	Innography - US8385284 B2	POAP_000238793 - POAP_000238796
PX2554				8/4/2020	Innography - US8411557 B2	POAP_000238799 - POAP_000238801
PX2555				8/4/2020	Innography - US9001774 B2	POAP_000238797 - POAP_000238798
PX2735				8/4/2020	Apple Inc.'s Thirteenth Supplemental Response to Plaintiffs' First Set of Interrogatories, 4/22/2020	
PX2821				8/5/2020	Reed-Arthurs Report, Attachment C, Screen Shots of Survey	
PX2822				8/5/2020	Reed-Arthurs Report, Attachment D, Notes Focus Group - December 27, 2019	
PX2855				8/4/2020	Expert Report of Mr. Claude Royer, 5/6/2020	
PX5107				8/4/2020	iPhone 11 - Technical Specifications [804]	POAP_00245691 - POAP_00245697
PX5137				8/5/2020	Apple Watch Series 5 - Compare Models - Apple	POAP_00245874 - POAP_00245874
PX5262				8/4/2020	02/01/2017 Patent Assignment from Samsung to Unwired Planet International Limited re '154 and '774	POAP_00010812 - POAP_00010819
PX5263				8/4/2020	02/23/2014 Patent Assignment from LG to Optis Cellular Technology, LLC re '833 and '332	POAP_00011220 - POAP_00011251
PX5265				8/4/2020	02/23/2014 Patent Assignment from Panasonic to Optis Wireless Technology, LLC re '557 and '284	POAP_00011252 - POAP_00011321
PX5278				8/5/2020	Updated Kennedy Report, Exhibit 1E	
PX5279a				8/5/2020	Updated Kennedy Report, Exhibit 2	
PX5280a				8/5/2020	Updated Kennedy Report, Exhibit 3	
PX5281a				8/5/2020	Updated Kennedy Report, Exhibit 4	
PX5283				8/5/2020	Updated Kennedy Report, Exhibit 6	
PX5284				8/5/2020	Updated Kennedy Report, Exhibit 7	
PX5285				8/5/2020	Updated Kennedy Report, Exhibit 8	
PX5286				8/5/2020	Updated Kennedy Report, Exhibit 9	
PX5288				8/5/2020	Updated Kennedy Report, Exhibit 11A	
PX5293				8/5/2020	Updated Kennedy Report, Exhibit 15A	
PX5294				8/5/2020	Updated Kennedy Report, Exhibit 15B	
PX5301				8/5/2020	Updated Kennedy Report, Exhibit 22A	

PX0119

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119a	APL-UPPO-SC - A_000001 - APL-UPPO-SC - A_000003	Mahon
119b	APL-UPPO-SC - A_000008 - APL-UPPO-SC - A_000011	Mahon
119c	APL-UPPO-SC - A_000063	Mahon
119d	APL-UPPO-SC - A_000261 - APL-UPPO-SC - A_000275	Madisetti
119e	APL-UPPO-SC - A_000417	Madisetti
119f	APL-UPPO-SC - A_000419	Madisetti
119g	APL-UPPO-SC - A_000422 - APL-UPPO-SC - A_000424	Madisetti
119h	APL-UPPO-SC - A_000425 - APL-UPPO-SC - A_000434	Madisetti
119i	APL-UPPO-SC - A_000435 - APL-UPPO-SC - A_000442	Madisetti
119j	APL-UPPO-SC - A_000478	Madisetti
119k	APL-UPPO-SC - A_000563 - APL-UPPO-SC - A_000565	Madisetti
119l	APL-UPPO-SC - A_000586 - APL-UPPO-SC - A_000588	Mahon
119m	APL-UPPO-SC - A_000589 - APL-UPPO-SC - A_000596	Mahon
119n	APL-UPPO-SC - A_000597	Mahon
119o	APL-UPPO-SC - A_000603 - APL-UPPO-SC - A_000607	Mahon
119p	APL-UPPO-SC - A_000665 - APL-UPPO-SC - A_000669	Madisetti

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120a	APL-UPPO-SC-B_000017 - APL-UPPO-SC-B_000019	Madisetti
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120c	APL-UPPO-SC-B_000023	Madisetti
120d	APL-UPPO-SC-B_000024	Madisetti
120e	APL-UPPO-SC-B_000025	Madisetti
120f	APL-UPPO-SC-B_000033 - APL-UPPO-SC-B_000035	Madisetti
120g	APL-UPPO-SC-B_000042 - APL-UPPO-SC-B_000043	Madisetti
120h	APL-UPPO-SC-B_000044 - APL-UPPO-SC-B_000045	Madisetti
120i	APL-UPPO-SC-B_000080 - APL-UPPO-SC-B_000083	Madisetti
120j	APL-UPPO-SC-B_000336 - APL-UPPO-SC-B_000337	Mahon
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120m	APL-UPPO-SC-B_000544	Madisetti
120n	APL-UPPO-SC-B_000545	Madisetti
120o	APL-UPPO-SC-B_000547 - APL-UPPO-SC-B_000569	Madisetti
120p	APL-UPPO-SC-B_000578	Madisetti
120q	APL-UPPO-SC-B_000592 - APL-UPPO-SC-B_000594	Madisetti
120r	APL-UPPO-SC-B_000595 - APL-UPPO-SC-B_000597	Madisetti
120s	APL-UPPO-SC-B_000601 - APL-UPPO-SC-B_000613	Madisetti
120t	APL-UPPO-SC-B_000769	Madisetti
120u	APL-UPPO-SC-B_000775 - APL-UPPO-SC-B_000776	Madisetti
120v	APL-UPPO-SC-B_000780 - APL-UPPO-SC-B_000793	Madisetti
120w	APL-UPPO-SC-B_000794 - APL-UPPO-SC-B_000795	Madisetti
120x	APL-UPPO-SC-B_000796 - APL-UPPO-SC-B_000798	Madisetti
120y	APL-UPPO-SC-B_000951 - APL-UPPO-SC-B_000953	Mahon

PX0120

PX #	BATES RANGE	SOURCE
120z	APL-UPPO-SC-B_000965 - APL-UPPO-SC-B_000966	Mahon
120aa	APL-UPPO-SC-B_000977 - APL-UPPO-SC-B_000980	Mahon
120ab	APL-UPPO-SC-B_000996	Mahon
120ac	APL-UPPO-SC-B_001144	Mahon
120ad	APL-UPPO-SC-B_001148	Mahon
120ae	APL-UPPO-SC-B_001160	Mahon
120af	APL-UPPO-SC-B_001161	Mahon
120ag	APL-UPPO-SC-B_001162	Mahon
120ah	APL-UPPO-SC-B_001165	Mahon
120ai	APL-UPPO-SC-B_001166 - APL-UPPO-SC-B_001168	Mahon
120aj	APL-UPPO-SC-B_001169	Mahon
120ak	APL-UPPO-SC-B_001170	Mahon
120al	APL-UPPO-SC-B_001173 - APL-UPPO-SC-B_001182	Mahon
120am	APL-UPPO-SC-B_001374 - APL-UPPO-SC-B_001405	Mahon
120an	APL-UPPO-SC-B_001444 - APL-UPPO-SC-B_001447	Mahon
120ao	APL-UPPO-SC-B_001458 - APL-UPPO-SC-B_001567	Madisetti
120ap	APL-UPPO-SC-B_001468 - APL-UPPO-SC-B_001487	Madisetti
120aq	APL-UPPO-SC-B_001511 - APL-UPPO-SC-B_001526	Madisetti
120ar	APL-UPPO-SC-B_001668 - APL-UPPO-SC-B_001675	Mahon